Management Plan Template for Private Forestlands in Idaho

(This document was developed to be used as a guideline in developing forestland management plans, to assist consultants and other qualified forestry professionals in ensuring that management plans incorporate all required elements into a Landowner Forest Stewardship Plan or an NRCS Forest Management Plan.)

Ow	ner's Name
Plai	n Author
	Forest Stewardship Plan (USFS/IDL) An Idaho Landowner Forest Stewardship Plan (LFSP) is documentation of a landowner's commitment to promote sound forest stewardship practices on his/her property. Checking this box signifies that the landowner is submitting this plan to qualify him/her as an Idaho Forest Steward, and that the components of this plan comply with all of the criteria posted from the national Stewardship Guidelines put forth by the USDA Forest Service State & Private Forestry Division and the State of Idaho. (http://www.fs.fed.us/spf/coop/programs/loa/fsp.shtml)
	Forest Management Plan (NRCS) An NRCS Forest Management Plan (FMP) is authorized in the Food, Conservation and Energy Act of 2008 (Section 1240 (A). Checking this box signifies that the landowner agrees to submit this management plan as a cost-sharable management plan, and that the components of this plan comply with all of the criteria specified by the USDA Natural Resources Conservation Service. This plan will also qualify the landowner to submit future management practices for cost-share consideration under the NRCS EQIP program. Links to additional forms, instructions and planning assistance for completing NRCS FMP's can be

This management plan outlines sustainable forestry guidelines necessary for the completion of an FSP and/or an FMP, aiding landowners in performing sound silivicultural management practices on their forestlands. It can qualify as a certified sustainable forest management plan by the USDA Forest Service, USDA Natural Resources Conservation Service, and the Idaho Department of Lands.

found at: http://www/id.nrcs.gov/





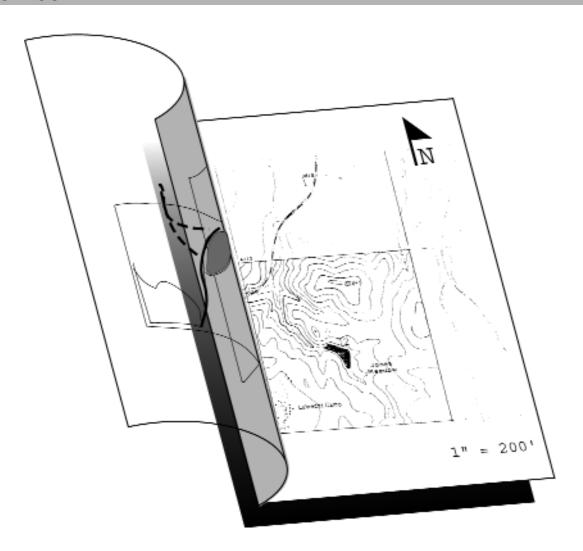
I. Property Ownership Landowner(s) (and representative, if different) Mailing Address Phone_____ E-Mail _____ Date of Original Plan Completion ______Revision dates_____ **II. Property Description** Legal property description FSA Tract and Field Numbers (for FMP Plan only) Nearest city or town_____ County _____ Total ownership acreage Total forested acreage Landowner resides on property? Is there a home on the property? Yes No Yes No Verification Reviewed by an IDL Private Forestry Specialist or an NRCS Forester Date of Property Visit ______# of Acres Verified _____ Approved By _____ (date) (IDL PFS or NRCS Forester) Forest Landowner(s) Signature(s) (for FMP Plan only) (date)____ NRCS District Conservationist (for FMP Plan only)

III. Property Description/Existing Conditions

Elevation Range
Number of unique stands of trees, or management units
Based on personal knowledge, property records, local information sources, and on-the-ground observations, write a description of the ownership record, past harvest activity, existing management practices, past management activities, development of the ownership, and resource concerns. Identify resource concerns based on an inventory to assess these concerns and opportunity for treatment. The inventory will typically include site index (if site-index curves are available; otherwise, dominant height and age at breast height), basal area, timber volume estimate, average annual growth, stand age, species, soil conditions, slopes, topography, natural and cultural features, roads, wildfire risk, presence or risk of insect and disease infestation, fish and wildlife habitat elements, recreation opportunities, noxious and invasive weeds, threatened/endangered species habitat, cultural or archeological sites, wetlands delineations, carbon sequestration opportunities, water quality and other important features. <i>Please fill out the related worksheets in Appendix A and use this information to write up this section.</i> (Note for FMP Plans, this will cross-reference to the NRCS Field Inventory Checklist.)

IV. Forest Management Goals
The principal management objectives for the ownership.
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V. CONTOUR MAP

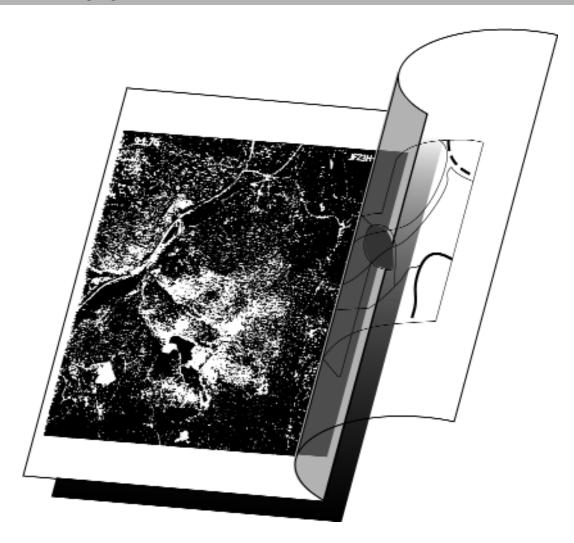


Attach property map (topographic) here.

Identify
Property Boundaries and Management Units

Include scale (e.g., 1" = 200') and directional arrow on map.

VI. AERIAL PHOTO



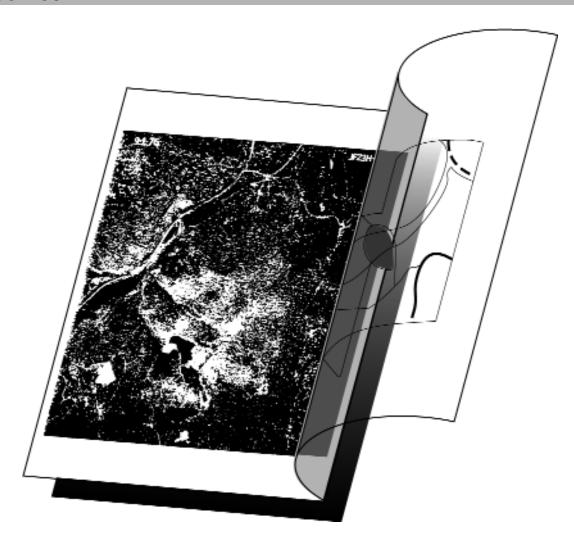
Attach aerial photograph here.

Identify
Property Boundaries and Management Units.

Include directional arrow and scale on photo.

For free aerial photo downloads http://earth.google.com/

VII. SOIL SURVEY MAP

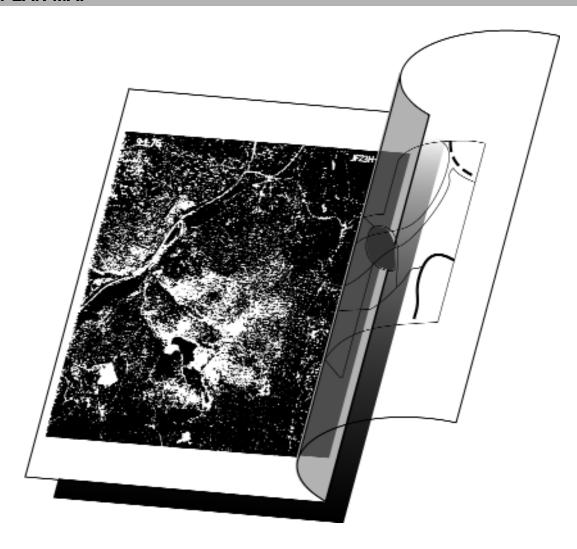


(Electronic copy of Map required for FMP Plans.)

Identify
Property Boundaries and Soil Map Units.

Include directional arrow and scale on aerial photo.

Soil maps available at http://websoilsurvey.nrcs.gov/app/HomePage.htm



(Electronic copy of map required for LFSP and FMP.)

Identify
Property Boundaries and Management Units.

Include directional arrow, scale, and clearly show recommended practices in a legend.

IX. Management Unit Descriptions

The management objectives and existing conditions on each management unit, or stand.

For each management unit, or stand, write a brief description of the forest management unit and its existing condition (from Section III), and write the landowner's specific resource-management objectives unique to that stand (from the list in Section IV). Also write descriptions of specific practice alternatives that are recommended to address resource concerns, or to meet the landowner's management goals. See Plan Map (Section VIII) for location of management units.

Unit 1	Acres
Descr	ription of Existing Stand: (Relating to the information presented in Section III)
Objec	tives and Desired Future Conditions: (Relating to the information presented in Section IV)
Reso	urce Concerns:
	(Relating to Insects, Disease, and other resource concerns listed in Section III)
	(For FMP Plans, complete the NRCS Field Resource Inventory Worksheet
http://	www.id.nrcs.usda.gov/technical/cons_forms.html).
Practi	ces that can be applied to address resource concerns and/or meet management objectives:
	(List alternative practices.)

Unit 2	Acres
Description of Existing Stand:	(Relating to information presented in Section III)
Objectives and Desired Future	Conditions: (Relating to the information presented in Section IV)
Resource Concerns:	
	d other resource concerns listed in Section III)
(For FMP Plans, complete the N	RCS Field Resource Inventory Worksheet
http://www.id.nrcs.usda.gov/tech	nical/cons_forms.html).
	o address resource concerns and/or meet management objectives:
<u>(List alternative practices</u>	S. <u>)</u>
Unit 3	Acres
Description of Existing Stand:	(Relating to the information presented in Section III)

Objectives and Desired Future Conditions: (Relating to the information presented in Section IV)
Resource Concerns:
(Relating to Insects, Disease, and other resource concerns listed in Section III)
(For FMP Plans, complete the NRCS Field Resource Inventory Worksheet
http://www.id.nrcs.usda.gov/technical/cons_forms.html).
nttp://www.id.fires.usua.gov/technica//cons_torms.ntmij.
Practices that can be applied to address resource concerns and/or meet management objectives:
(List alternative practices.)
,,,,,,,
Unit 4 Acres
Description of Existing Stand: (Relating to the information presented in Section III)
Objectives and Desired Future Conditions: (Relating to the information presented in Section IV)
Resource Concerns:
(Relating to Insects, Disease, and other resource concerns listed in Section III)

(For FMP Plans, complete the NRCS Field Resource Inventory Worksheet
http://www.id.nrcs.usda.gov/technical/cons_forms.html).)
Practices that can be applied to address resource concerns and/or meet management objectives:
(List alternative practices.)
Unit 5 Acres
Description of Existing Stand: (Relating to the information presented in Section III)
- coorposition
Objectives and Desired Future Conditions: (Relating to the information presented in Section IV)
1
Resource Concerns:
(Relating to Insects, Disease, and other resource concerns listed in Section III)
(For FMP Plans, complete the NRCS Field Resource Inventory Worksheet
http://www.id.nrcs.usda.gov/technical/cons_forms.html).
ntg.//www.id.in-oc.uoud.gov/toorimodir-oons_forms.ntmj.
Practices that can be applied to address resource concerns and/or meet management objectives:
(List alternative practices.)

X. Forest Harvesting Activities
Identify for which MU's you are describing your activities.

Draw impacted areas on Plan Map

Harvesting: Describe type of treatment: Even-aged: clearcut, seed tree, shelterwood, thinning; Unevenaged: group select, single-tree select, overstory removal, understory removal, etc. Treatment methods: ground based or skyline, time of year, type of harvest, sanitation/salvage removal, density targets, etc.
Slash management (leave slash at the stump, jackpot pile, whole tree skid, chipping, pulp, post & pole, large woody debris, nutrient cycling)
Post harvest activities (burning landings, piles, or broadcast, seeding roads and landings, weed spray roadsides)
Permits (slash hazard reduction agreement, 310 permit for stream crossings)
Streamside Management Zone (is there a wetland or stream within your harvest area, is it properly marked and are the appropriate laws being followed?)
Monitoring (how often do you plan on evaluating harvest units to ensure your overall forest management goals are being met?)

XI. Management Plan Implementation Schedule

Identify for which MU's you are describing your activities.

For FMP Plans, enter NRCS Practice Code. For a list of NRCS practices and descriptions (including codes), visit: http://efotg.nrcs.usda.gov/toc.aspx?CatID=3958)

	Treatment	Treatment Activity	NRCS	MU#	Treatment (Acres, Feet)	Applied Practice	
	Date (Season/Year)	Short Description	Practice Code*			Amount	Date
2							
Years 1-2							
Yea							
			<u> </u>		subtotal		
s 3-4							
Years 3-4							
					subtotal		
9-9							
Years 5-6							
۶					aubtotal		
					subtotal		
3 7-8							
Years 7-8							
					subtotal		
					subtotal		
9-10							
Years 9-10							
∠e							
					subtotal		
					TOTAL		

Appendix A. Worksheet

This worksheet should be filled out by the plan author (professional forester) in collaboration with the landowner to flesh out the management plan. This worksheet is for the author's personal use to determine resource issues, landowner goals, and other specifics which need to be included in the plan, and it is ideally used during an initial walk-through of the landowner's property.

(For FMP Plans, complete the NRCS Field Resource Inventory Worksheet, found at: http://www.id.nrcs.usda.gov/technical/cons_forms.html). Also, read through the EQIP Activity Plan Forest Mgt. Plan Checklist at: (need this)

Ideally, both LFSPs and FMPs will contain information regarding all of the following considerations/elements (if applicable). A parenthetical notation has been included after each element below that is required to be addressed in an LFSP.

The **Desired Future Condition—Timber** worksheets included in this appendix are to be used as worksheets, and can be used to provide clear illustrations of desired silvicultural management activities and targeted future stand densities to the landowner.

For this section, work with Stewardship Plan Implementation Schedule and a map. Complete the Implementation Schedule and draw and label the areas of management on your Plan Map.

Consider: What treatments/monitoring/protection does the landowner plan on completing?

When will the landowner implement treatments (season, year), follow-up activities, etc?

Where will the management take place; entire unit(s), part of a unit, acres?

Does landowner have applicable professional help and applications for cost share?

SOCIAL & RECREATION CONSIDERATIONS

Draw impacted areas on your map

Adjacent stand or ownership concerns (how does surrounding management affect your forest a do your actions impact your neighbors? Consider aesthetic quality, wildfire concerns, privacy, wild movement and habitat, noxious weeds)	

Access (Does your property restrict access to public lands? Will you allow access across or to your lands? Are the boundaries posted with appropriate contact information?)
Archaelegical cultural and historical sites (historical sites on preparty, capacity with university NDCC)
Archeological, cultural and historic sites (historical sites on property, consult with university, NRCS) (Required for LFSP Plans and FMP Plans)
ROADS, SOIL AND WATER RESOURCES
What goals landowner has, or steps landowner will take to conserve and enhance their forest's roads, soil and water resources? Draw impacted areas on Plan Map.
Soil protection (steep slopes, woody debris retention, nutrient cycling, vehicle travel, soil compaction, flood runoff, livestock issues) (Required for LFSP Plans)
Access (general maintenance, erosion potential, Best Management Practices, road surface condition, road runoff, drain-dips, culverts, stream crossings, weed control, time-of-year use)
Streams, wetlands, ponds, lakeshore (Streamside Protection Zone (SPZ), riparian habitat, wildlife, road crossings, general access, tree-retention requirements, general forest practices guidelines) (Required for LFSP Plans and FMP Plans)

WILDLIFE HABITAT AND THREATENED & ENDANGERED SPECIES

Draw impacted areas on Plan Map

Fish &Wildlife (species lists, habitat improvement or creation, animal control, den sites, nest boxes, snag retention, access, hunting) (Required for LFSP Plans and FMP Plans)
Threatened, endangered, or sensitive species - plants or animals (to request site specific information http://mtnhp.org/requests/index.asp) (Required for LFSP Plans and FMP Plans)
RANGE RESOURCES
Draw impacted areas on Plan Map
Range management (grasses, forbs, brush, exotics, animal types and sustainable grazing guidelines, # pastures and animal rotation, water sources, salt block placement) (Required for LFSP Plans and FMP Plans)
Weed management (inventory, control, monitoring, prevention guidelines) (Required for LFSP Plans and FMP Plans)
MANAGEMENT OF TREE RESOURCES
Draw impacted areas on Plan Map
Protection from Insects & Diseases (Required for LFSP Plans and FMP Plans)

Tree non-commercial thinning treatments (Required for LFSP Plans and FMP Plans)
Reforestation (natural seedling recruitment, planting, site preparation) (Required for LFSP Plans and FMP Plans)
Wildfire Hazard Reduction and Fire Resilience (away from home site; firebreaks, fuel breaks, prescribed burns, PCT, fuel reduction activities) (Required for LFSP Plans)
Home Firewise Safety (defensible space, near home site) (Required for LFSP Plans)
Management Plan Implementation Constraints

Carbon Sequestration Options	
Carbon Sequestration Options (Required for LFSP Plans)	
Other	

Complete for Management Unit 1	Length of planning p	period5yr	other	
Desired Future Condition - Tin	<u>nber</u>	MU No.		
Desired mature tree species (% of fore	ested area) and expected	I longevity (maximu	m age you expect	
trees to reach before they die of natural			PP Ponderosa pine	
Species %	6 of Forested Area	Age	DF Douglas-fir	
1			LP Lodgepole pine WL Larch	
2			GF Grand fir	
3			ES Engelmann spruce WRC W. Red cedar	9
			WH Western hemlock WP White pine	
4			SAF Sub-alpine fir	
5			LimP Limber pine RMJ rocky mtn. junipe	ar l
6			QA Aspen	
Desired species to naturally regenera	te		CW Cottonwood Gree	en ash
Desired species to plant				
Bird's-eye view of forest (check	one)			
Wild Evenly	Evenly spaced		le density	
stand spaced	with openings	space	d with openings	
0000000			98 %°	We c
20000				inver
9000				docu
			200	TSP of the F
333				stand
000000				etc. a
Some wildlife Maximizes growth	Growth + regeneration		+ regeneration	Appe
Desired spacing (in feet) Large (>9"D	BH) (ft)	+ wile		,
Pole (5-8"DBH) (ft) Seedling		Spacing (fe		
	(11)	, 383		4,840
Size and shape of openings		_ 5x5 7x7		1,742 889
Desired structure:		10x ²		436
		10x		302
		14x'		222
	SASSI &	16x ²		170
		18x ²		134
		- · · · ·	<u> </u>	
		20x2	20	87
19111111		20x2 25x2		87 70
Even aged Two aged	Three aged (unevenaged)	The same of the sa	25	

omplete Manager	ment Unit 2	Length of planning pe	riod 5v	rothe	er
	Condition - Ti		MU		
esired mature tre	e species (% of for	rested area) and expect ed area) and expect ed area		aximum age y	ou expect
pecies	naturally regener	% of Forested Area	Age	DF Doug LP Lodg WL Lard GF Gran ES Engu WRC W WH We WP Whi SAF Su LimP Li RMJ rod QA Asp	gepole pine ch nd fir elmann spruce f. Red cedar stern hemlock te pine b-alpine fir mber pine cky mtn. juniper
esired species to Bird's-eve view	of forest (check	c one)			
Wild	Evenly	Evenly spaced	□v	ariable dens	itv
stand	spaced	with openings		paced with o	
	aximizes growth	Growth + regeneration		owth + rege + wildlife	neration
esired spacing (i	n feet) Large (>9"l	DBH) (ft)	Spacin	g (feet)	Trees/acre
ole (5-8"DBH)	(ft) Seedling	ı(<5"DBH)(τι\ <u> </u>	3x3	4,840
ize and shape of o	penings		_	5x5	1,742
				7x7	889
esired structure:				10x10	436
				12x12	302
4 4				14x14	222
		PASSI 2		16x16	170
				18x18	134
				20x20	87
# ****	【】 【 】 【 】	14 14 17 14 14	11	25x25	70
Even aged	Two aged	Three aged (unevenaged)		30x30	48
				40x40	27

One canopy layer Two canopy layer Three canopy

omplete for Mar	nagement Unit 3	Length of planning	a period	5yr	other
•	e Condition - Ti	• ,		 1U	
		rested area) and expect I causes or are harveste		(maximum age	you expect
pecies	o naturally regener	% of Forested Area	Age	DF DOL LP Lod WL Lar GF Gra ES Eng WRC V WH WA WP WH SAF SL LimP L RMJ ro QA Asp	gepole pine ich ind fir jelmann spruce V. Red cedar estern hemlock ite pine ub-alpine fir imber pine cky mtn. juniper
esired species t	v of forest (check	c one)			
Wild	Evenly	Evenly spaced	Γ	Variable dens	sity
stand	spaced	with openings		spaced with	-
	Maximizes growth	Growth + regenerati	on Som	ne growth + rege	eneration
		DBH) (ft)	Spa	acing (feet)	Trees/acre
ole (5-8"DBH)	(ft) Seedling	g(<5"DBH)	(ft)	3x3	4,840
ize and shape of	openings			5x5	1,742
				7x7	889
esired structure	:			10x10	436
			A	12x12	302
				14x14	222
				16x16	170
				18x18	134
				20x20	87
# ****	【科學 科社】】	**	1	25x25	70
Even aged	Two aged	Three aged (unevenaged)		30x30	48
				40x40	27

One canopy layer Two canopy layer Three canopy

•	nagement Unit 4	Length of planning	g period	5yr	other
<u>resirea Future</u>	e Condition - Ti		M		
		rested area) and expect Il causes or are harveste		(maximum age)	you expect
pecies	•	% of Forested Area	Age	DF Dou	
				WL Lar	gepole pine ch
				GF Gra	ınd fir yelmann spruce
				WRC V	V. Red cedar
				WH We	estern hemlock nite nine
				SAF Su	ub-alpine fir
					imber pine cky mtn. juniper
				QA Asp	pen
esired species t	o naturally regener	rate		CW Co	ttonwood Green ash
esired species t	o plant				
ird's-eye view	of forest (check	k one)			
Wild	Evenly	Evenly spaced		Variable dens	sity
stand	spaced	with openings		spaced with o	openings
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200	• • • •	• • • • •			
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esired spacing ((in feet) Large (>9"l	DBH) (ft) g(<5"DBH)		+ wildlife cing (feet) 3x3	Trees/acre
esired spacing ((in feet) Large (>9"l	DBH) (ft) g(<5"DBH)	Spa	+ wildlife cing (feet) 3x3 5x5	Trees/acre 4,840 1,742
esired spacing (only (only (5-8"DBH)	(in feet) Large (>9"l	DBH) (ft) g(<5"DBH)	Spa	+ wildlife cing (feet) 3x3 5x5 7x7	Trees/acre 4,840 1,742 889
esired spacing (only ble (5-8"DBH)	(in feet) Large (>9"l	DBH) (ft) g(<5"DBH)	Spa	+ wildlife cing (feet) 3x3 5x5 7x7 10x10	Trees/acre 4,840 1,742 889 436
esired spacing (only (only (5-8"DBH)	(in feet) Large (>9"l	DBH) (ft) g(<5"DBH)	Spa	+ wildlife cing (feet) 3x3 5x5 7x7 10x10 12x12	Trees/acre 4,840 1,742 889 436 302
esired spacing (ole (5-8"DBH)	(in feet) Large (>9"l	DBH) (ft) g(<5"DBH)	Spa	+ wildlife cing (feet) 3x3 5x5 7x7 10x10 12x12 14x14	Trees/acre 4,84 1,74 889 436 302 222
esired spacing ((in feet) Large (>9"l	DBH) (ft) g(<5"DBH)	Spa	+ wildlife cing (feet) 3x3 5x5 7x7 10x10 12x12 14x14 16x16	Trees/acre 4,84 1,74 889 436 302 222 170
esired spacing (ole (5-8"DBH)	(in feet) Large (>9"l	DBH) (ft) g(<5"DBH)	Spa	+ wildlife cing (feet) 3x3 5x5 7x7 10x10 12x12 14x14 16x16 18x18	Trees/acre 4,849 1,742 889 436 302 222 170 134
esired spacing (only (5-8"DBH)	(in feet) Large (>9"l	DBH) (ft) g(<5"DBH)	Spa	+ wildlife cing (feet) 3x3 5x5 7x7 10x10 12x12 14x14 16x16 18x18 20x20	Trees/acre 4,844 1,742 889 436 302 222 170 134 87
esired spacing (only (only (5-8"DBH)	(in feet) Large (>9"l	DBH) (ft) g(<5"DBH)	Spa	+ wildlife cing (feet) 3x3 5x5 7x7 10x10 12x12 14x14 16x16 18x18	Trees/acre 4,849 1,742 889 436 302 222 170 134

Three canopy

One canopy layer Two canopy layer

ompiete iei man	agement Unit 5	Length of planning	ј реноа 🔃	5yr	_other
•	e Condition - Ti		\overline{M}		
		rested area) and expect I causes or are harveste		(maximum age	you expect
ecies	•	% of Forested Area	Age	DF Dou	nderosa pine uglas-fir
				WL Laı	
				GF Gra	and fir gelmann spruce
				WRC V	V. Red cedar
					estern hemlock nite pine
				SAF St	ub-alpine fir
					imber pine ocky mtn. juniper
				QA As	pen
sired species t	o naturally regener	ate			ttonwood Green ash
esired species t					
rd's-eye view	of forest (check	cone)		_	
Wild	Evenly	Evenly spaced		Variable dens	sitv
				_	=
stand	spaced	with openings		spaced with	=
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stand me wildlife sired spacing (le (5-8"DBH) re and shape of	spaced Maximizes growth in feet) Large (>9"I (ft) Seedling openings	Growth + regeneration (ft)	on Some	spaced with egentless of the spaced with egen	Trees/acre 4,840 1,742 889
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stand me wildlife sired spacing (le (5-8"DBH) ze and shape of	spaced Maximizes growth in feet) Large (>9"I (ft) Seedling openings	Growth + regeneration (ft)	on Some	spaced with egents of the spaced with egrowth + regents of the spaced with egrowth egrowth + regents of the spaced with egrowth	Trees/acre
stand me wildlife sired spacing (le (5-8"DBH) re and shape of	spaced Maximizes growth in feet) Large (>9"I (ft) Seedling openings	Growth + regeneration (ft)	on Some	spaced with egether spaced with the spaced win the spaced with the spaced with the spaced with the spaced with	Trees/acre 4,840 1,742 889 436 302 222 170 134
stand me wildlife sired spacing (le (5-8"DBH) e and shape of sired structure	spaced Maximizes growth in feet) Large (>9"I (ft) Seedling openings	Growth + regeneration (ft)	on Some	spaced with spaced	Trees/acre 4,840 1,742 889 436 302 222 170 134 87
stand me wildlife sired spacing (le (5-8"DBH) re and shape of	spaced Maximizes growth in feet) Large (>9"I (ft) Seedling openings	Growth + regeneration (ft)	on Some	spaced with egether spaced with the spaced win the spaced with the spaced with the spaced with the spaced with	Trees/acre 4,840 1,742 889 436 302 222 170 134

Three canopy

One canopy layer Two canopy layer

